## EAST Search History

| Ref<br># | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|----------|------|--|---|---------------------|---------|---------------------|
| S1       | 1    | "10565764"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND                 | ON      | 2008/12/17<br>11:39 |
| S2       | 49   | 375/345.cds. and 455/250.1.cds.                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND                 | ON      | 2008/12/17<br>16:08 |
| S3       | 0    | S2 and (sub\$1frames or sub\$1frame)                             | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND                 | ON      | 2008/12/17<br>16:09 |
| S4       | 43   | S2 and (@ad<="20030806" or @pd<="20030806" or @rlad<="20030806") | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND                 | ON      | 2008/12/17<br>16:10 |
| S5       | 1239 | 375/345.cds.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND                 | ON      | 2008/12/17<br>16:20 |
| S6       | 6    | S5 and (sub\$1frames or sub\$1frame)                             | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND                 | ON      | 2008/12/17<br>16:20 |
| S7       | 5    | S6 and (@ad<="20030806" or @pd<="20030806" or @rlad<="20030806") | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND                 | ON      | 2008/12/17<br>16:21 |

| <b>S</b> 8 | 227   | 455/250.1.œls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/12/17<br>16:22 |
|------------|-------|--|---|-----|----|---------------------|
| <b>S</b> 9 | 1     | S8 and (sub\$1frames or sub\$1frame)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/12/17<br>16:23 |
| S10        | 9     | S5 and td\$1scdma  | US PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/12/17<br>16:25 |
| S11        | 2     | S10 and frame  | US PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/12/17<br>16:25 |
| S12        | 25208 | (455/62,63.1,67.11,522,434,435.2,501,511-514,500,517,524,525.ccls. or 370/310,330,332,333,270,280,294,335,336,337,342,345.ccls.) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/12/17<br>17:23 |
| S13        | 588   | S12 and (cell near2 search\$3)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/12/17<br>17:23 |
| S14        | 5     | S13 and ((max or maximum) near3 gain)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/12/17<br>17:24 |
| S15        | 48    | S13 and (sub\$1frame?)   | US PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/12/17<br>17:26 |

| S16 | 17  | S15 and (@ad<="20030806" or @pd<="20030806" or @rlad<="20030806")   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/12/17<br>17:26 |
|-----|-----|---|---|-----|----|---------------------|
| S17 | 192 | S12 and (cell near2 search\$3) and gain   | US PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/12/17<br>17:28 |
| S18 | 6   | S12 and (cell near2 search\$3) and gain and saturation  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/12/17<br>17:28 |
| S19 | 139 | S17 and (@ad<="20030806" or @pd<="20030806" or @rlad<="20030806")   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/12/17<br>17:30 |
| S20 | 84  | S19 and frame?  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/12/17<br>17:31 |
| S21 | 14  | S20 and position?   | US PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/12/17<br>17:36 |
| S22 | 3   | ("5943326"   "6434128"   "6907014").PN. OR ("7200124").URPN.  | US-PGPUB;<br>USPAT; USOCR                               | AND | ON | 2008/12/17<br>17:48 |
| S23 | 1   | "11422794"  | US-PGPUB;<br>USPAT; USOCR                               | AND | ON | 2008/12/17<br>18:11 |
| S24 | 4   | (cell near2 search\$3) same (((down\$1link adj pilot) or dwpts) near6 (time adj<br>(sync\$15 or characteristic or window))) | US PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/12/30<br>14:26 |

| \$25 | 5  | (cell near2 search\$3) same (((down\$1link adj pilot) or dwpts) with (time adj (sync\$15 or characteristic or window)))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/12/30<br>14:28 |
|------|----|---|---|-----|----|---------------------|
| S26  | 6  | (cell near2 search\$3) same (((down\$1link adj pilot) or dwpts) with (time near2 (sync\$15 or characteristic or window))) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/12/30<br>14:28 |
| S27  | 2  | \$26 not \$24   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/12/30<br>14:28 |
| S28  | 45 | (((down\$1link adj pilot) or dwpts) same (time near2 (sync\$15 or characteristic or window)))                             | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/12/30<br>14:30 |
| S29  | 15 | \$28 and (cell near2 search\$3)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/12/30<br>14:30 |
| S30  | 9  | \$29 not \$26   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/12/30<br>14:31 |
| S31  | 7  | ("6356555"   "6563856").PN. OR ("6934245").URPN.  | US-PGPUB;<br>USPAT; USOCR                               | AND | ON | 2008/12/30<br>14:39 |
| S32  | 0  | receiver near4 amplifier near6 ((max or maximum or highest) near3 gain) with saturation                                   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/12/30<br>15:14 |

| S33         | 17 | receiver same ((max or maximum or highest) near3 gain) with saturation   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/12/30<br>15:18 |
|-------------|----|--|---|-----|----|---------------------|
| S34         | 14 | ((determin\$3 or find\$3 or calculat\$3 or comput\$3 or judg\$3 or identif\$7) near2 ((downlink near2 pilot near2 position) or dwpts or (downlink near2 position))) with ((sub adj (frame or carrier)) or sub\$1frame or (super adj frame) or super\$1frame)   | US PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/01/09<br>10:31 |
| S35         | 10 | \$34 and (@ad<="20030806" or @pd<="20030806" or @rlad<="20030806")   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/01/09<br>10:32 |
| S36         | 40 | ((figur\$3 or locating or detect\$3 or track\$3 or gather\$3 or sync\$15 or getting or search\$3 or obtain\$3 or acquir\$3 or determin\$3 or find\$3 or calculat\$3 or comput\$3 or judg\$3 or identif\$7) near2 ((downlink near2 pilot near2 position) or dwpts or (downlink near2 position))) with ((sub adj (frame or carrier or channel or channel)) or sub\$1frame or (super adj frame) or super\$1frame or frame)                            | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/01/09<br>10:56 |
| S37         | 26 | \$36 not \$34  | US PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/01/09<br>10:56 |
| S38         | 8  | \$37 and (@ad<="20030806" or @pd<="20030806" or @rlad<="20030806")   | US PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/01/09<br>10:56 |
| <b>S</b> 39 | 40 | ((figur\$3 or align\$3 or locating or detect\$3 or track\$3 or gather\$3 or sync\$15 or getting or search\$3 or obtain\$3 or acquir\$3 or determin\$3 or find\$3 or calculat\$3 or comput\$3 or judg\$3 or identif\$7) near2 ((downlink near2 pilot near2 position) or dwpts or dwpt or dpts or (downlink near2 position))) with ((sub adj (frame or carrier or channel or chanel)) or sub\$1frame or (super adj frame) or super\$1frame or frame) | US PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/01/09<br>11:07 |
| S40         | 2  | ("5910948"   "6356763").PN. OR ("6778588").URPN.   | US-PGPUB;<br>USPAT; USOCR                               | AND | ON | 2009/01/09<br>11:23 |

| S41 | 10  | ("20020049536"   "20030076812"   "20030086401"   "20040179550"  <br>"20040208234"   "20050075125"   "20050221848"   "20060133464"  <br>"20070133611"   "7333470").PN. OR ("7466684").URPN.   | US-PGPUB;<br>USPAT; USOCR                               | AND | ON | 2009/01/09<br>11:24 |
|-----|-----|--|---|-----|----|---------------------|
| S42 | 152 | ((figur\$3 or align\$3 or locating or detect\$3 or track\$3 or gather\$3 or sync\$15 or getting or search\$3 or obtain\$3 or acquir\$3 or determin\$3 or find\$3 or calculat\$3 or comput\$3 or judg\$3 or identif\$7) near2 ((downlink near2 pilot near2 position) or dwpts or dwpt or dpts or (downlink near2 (position or signal or pilot)))) with ((sub adj (frame or carrier or channel or chanel)) or sub \$1frame or (super adj frame) or super\$1frame or frame) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/01/09<br>11:32 |
| S43 | 85  | S42 and (@ad<="20030806" or @pd<="20030806" or @rlad<="20030806")  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/01/09<br>11:33 |
| S44 | 67  | S43 not S39  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/01/09<br>11:33 |
| S45 | 2   | ((setting or receiving or collect\$3 or acquir\$3 or obtain\$3 or read\$3 or accept \$3 or taking) near2 ((max or maximum or highest or maximal or most or largest or greatest or ultimate or utmost or uttermost) adj gain)) same (carrier adj frequenc\$3)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/01/09<br>12:01 |
| S46 | 2   | ((setting or receiving or collect\$3 or acquir\$3 or obtain\$3 or read\$3 or accept \$3 or taking) near4 ((max or maximum or highest or maximal or most or largest or greatest or ultimate or utmost or uttermost) adj gain)) same (carrier adj frequenc\$3)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/01/09<br>12:02 |
| S47 | 102 | ((setting or receiving or collect\$3 or acquir\$3 or obtain\$3 or read\$3 or accept \$3 or taking) near2 ((max or maximum or highest or maximal or most or largest or greatest or ultimate or utmost or uttermost) adj gain)) and (carrier adj frequenc\$3)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/01/09<br>12:03 |
| S48 | 80  | S47 and (@ad<="20030806" or @pd<="20030806" or @rlad<="20030806")  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/01/09<br>12:03 |

| S49 | 0  | (initial\$3 near2 (setting or receiving or collect\$3 or acquir\$3 or obtain\$3 or read\$3 or accept\$3 or taking) near2 ((max or maximum or highest or maximal or most or largest or greatest or ultimate or utmost or uttermost) adj gain)) and (carrier adj frequenc\$3)                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/01/09<br>12:09 |
|-----|----|--|---|-----|----|---------------------|
| S50 | 0  | ((initial\$3 or previous\$3) near2 (setting or receiving or collect\$3 or acquir\$3 or obtain\$3 or read\$3 or accept\$3 or taking) near2 ((max or maximum or highest or maximal or most or largest or greatest or ultimate or utmost or uttermost) adj gain)) and (carrier adj frequenc\$3) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/01/09<br>12:10 |
| S51 | 14 | ((initial\$3 or previous\$3) same (setting or receiving or collect\$3 or acquir\$3 or obtain\$3 or read\$3 or accept\$3 or taking) near2 ((max or maximum or highest or maximal or most or largest or greatest or ultimate or utmost or uttermost) adj gain)) and (carrier adj frequenc\$3)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/01/09<br>12:10 |
| S52 | 38 | S48 and saturat\$3   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/01/09<br>12:12 |
| S53 | 42 | S48 not S52  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/01/09<br>12:19 |
| S54 | 6  | "6529735"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/01/09<br>16:47 |
| S55 | 16 | "5953673"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/01/09<br>16:49 |
| S56 | 9  | "6853849"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/01/09<br>16:49 |

| S57 | 6    | "6748317"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | 1  | 2009/01/09<br>16:51 |
|-----|------|---|---|-----|----|---------------------|
| S58 | 2    | "20030195695"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/01/09<br>16:52 |
| S59 | 2440 | fast near2 fad\$3   | US-PGPUB;<br>USPAT; USOCR                               | AND | ON | 2009/01/12<br>14:05 |
| S60 | 4    | (fast near2 fad\$3) same (cell near2 search\$3)                   | US-PGPUB;<br>USPAT; USOCR                               | AND | ON | 2009/01/12<br>14:06 |
| S61 | 77   | (fad\$3) same (cell near2 search\$3)                              | US-PGPUB;<br>USPAT; USOCR                               | AND | ON | 2009/01/12<br>14:11 |
| S62 | 58   | S61 and (@ad<="20030806" or @pd<="20030806" or @rlad<="20030806") | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | 1  | 2009/01/12<br>14:12 |

## 1/14/2009 4:04:18 PM

 $C: \verb|\| Documents| \ EAST \verb|\| Workspaces \verb|\| 10565764\_Amend. wsp| \\$